

On the Job

$$32 + 43 = \square$$

Photographer

Place Value



Kristy Stark

Table of Contents

Meet a Photographer	4
Photo Shoots.....	6
The Necessary Tools	10
At the Photo Shoot	16
After the Photo Shoot.....	22
Being a Photographer	26
Problem Solving	28
Glossary	30
Index.....	31
Answer Key	32

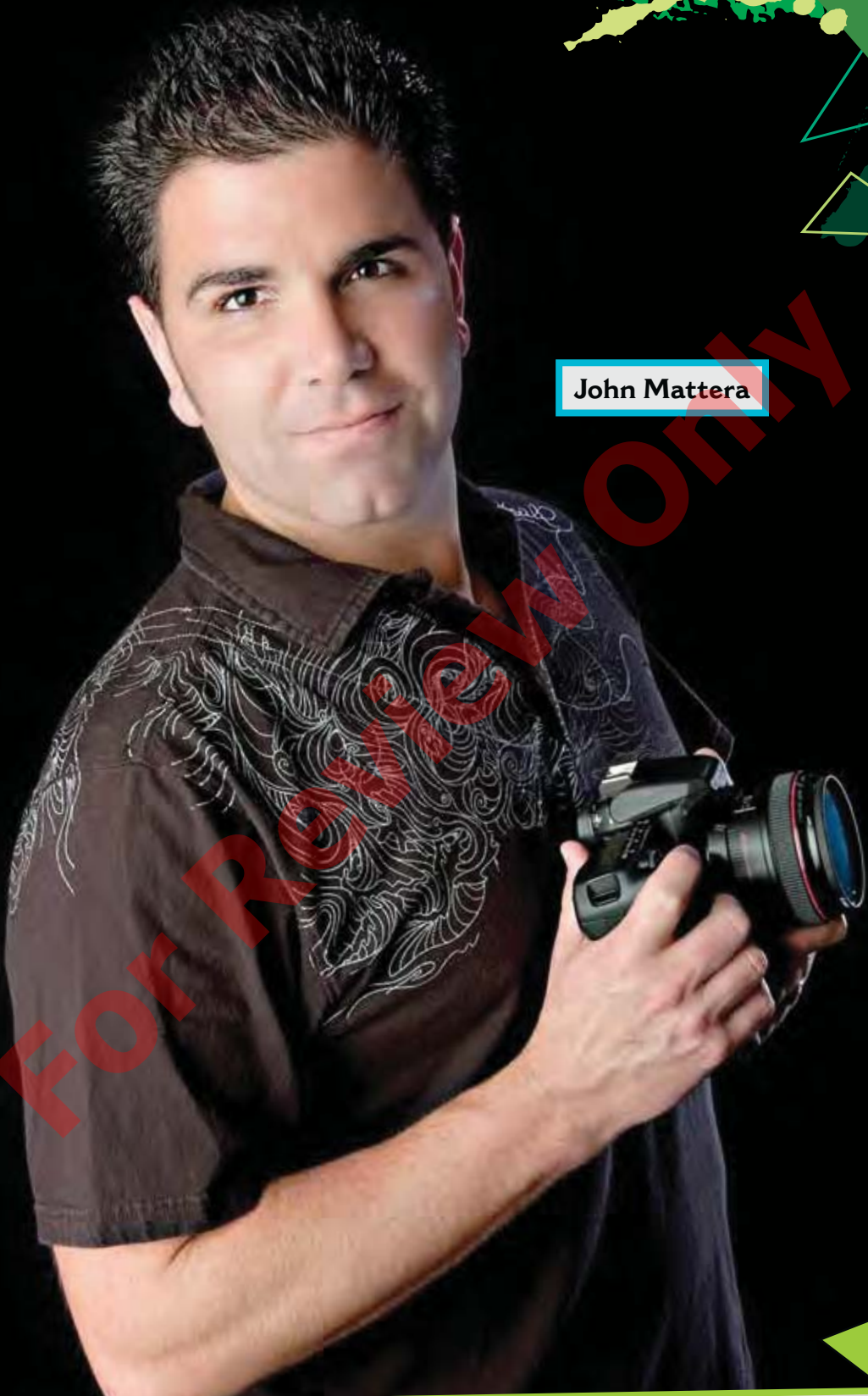
Meet a Photographer

Have you thought about what you want to be when you grow up? Think about the things you are good at doing. Think about the types of things that you like to do, too.

Maybe you like to **capture** memories. You can do this by taking photos. Someone who is good at taking photos can work as a photographer.

Meet John Mattera (muh-TAIR-uh). He is a photographer. John loves to take photos. He is very good at it, too. People pay him for his photos. His photos help people **recall** special events.



A portrait of a man with dark, spiky hair and a slight smile, looking directly at the camera. He is wearing a dark brown short-sleeved button-down shirt with intricate white and red embroidery on the chest. He is holding a black DSLR camera with a large lens in his right hand. The background is solid black. The entire image is framed by a thick green border. In the top right corner, there are green and yellow geometric shapes and dots. A large, diagonal red watermark reading 'For Review Only' is overlaid across the center of the image.

John Mattera

Photo Shoots

John takes photos at a lot of events. The events are special. People do not want to forget them. So, they **hire** photographers like John.

Some people ask John to take photos at **their** weddings. Or, they may want him at birthday parties. John takes photos of students **graduating** from school, too. These are all times people do **not** want to forget.



Students graduate from high school.



A bride and groom pose for photos on their wedding day.

LET'S EXPLORE MATH

Imagine that John takes photos at a wedding. John counts 20 people.

1. Describe how you can show 20 using only ones blocks.



ones block

2. Describe how you can use only tens blocks to show 20.



tens block

John takes photos at sporting events, too. He takes photos of his favorite teams. Then, he sells the photos. Some of his photos are used in news stories.

Sometimes, John takes photos that do not have people in them. Instead, he takes photos that show trees and flowers. Or, he may show other things in nature. These are called landscape photos.



John works at a football game.

John took this ocean landscape photo.



LET'S EXPLORE MATH

Imagine that John takes 100 landscape photos. Which of these models shows 100? How can you make the other two models show 100?

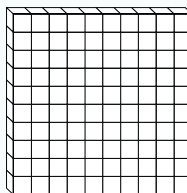
A.



B.



C.



Math Talk

1. Are 100 ones the same as 10 tens? How do you know?
2. Fabiola has 10 one-dollar bills. Kyra has 1 ten-dollar bill. Who has more money? How do you know?
3. How can you build 200 using only tens blocks?
4. How can you tell that a three-digit number has no tens or ones?
5. Zoey and Dao make two different statements in their math journals. Zoey says 700 is 100 ones more than 600. Dao says 700 is 10 tens more than 600. Do you agree with Zoey or Dao? Why?
6. What are some ways photographers need to use one-digit, two-digit, and three-digit numbers?